



How to Choose the Right DEL Ozone Generator for Your In-ground Swimming Pool

The more ozone you have, the better your pool water looks, feels and smells.
You will save 60-90% on ALL pool chemicals, so oversize whenever you can for optimal water.

Keep in mind the following factors when trying to figure out how much ozone you need:

1. How many gallons is the pool? The bigger the pool, the bigger the ozonator you'll need.
2. What is your "bather load?" In other words, what goes IN your pool? Don't forget to include animals which are more contaminating than people.
3. What is AROUND your pool? Oak trees, flowers with pollen, or other natural ingredients that challenge pool chemistry?
4. What is your GOAL? Do you want to reduce as many harsh chemicals as possible? Or will ozone be used as a water polisher and backup sanitizer?
5. What is the temperature and climate where you live? The hotter and more humid it is, the more protection you need. Oversize whenever possible.
6. How many hours a day does the filtration run? The same ozone generator can sanitize twice the size if it's getting ozone into the water 24 hours a day.

Pool Ozonator Sizing Suggestions

Note: if the swimming pool fill water is hard, go with more ozone (ozone will help prevent scaling by aiding in the filtration of metals and minerals).

Note: DEL Ozone's Total Eclipse 2 and Total Eclipse 4 are best installed during new construction or renovations. If you wish to install this unit on an existing pool, please know the hydraulics need to be just right (no back flow), or the unit won't function properly. We want you to enjoy your ozone experience, so let us help you prevent a failure, email help@loveyourpool.com

↓ See Sizing Chart ↓



Suggested Ozone Sizing Chart for Residential In-ground Swimming Pools



Pool gallons	Bather load	Chemical reduction goal	What is the temperature and climate where the pool is located?	Hours of pool filtration (i.e., how many hours a day will the Ozone Generator run?)	Recommended DEL Ozone Generator	Second choice DEL Ozone Generator (if applicable)
7,000 gallons	light	minimal	cool, moderate	10 hours/day	Eclipse 10	n/a
7,000 gallons	light	minimal	cool, moderate	24 hours/day	Eclipse 10	n/a
7,000 gallons	light	minimal	hot - muggy or dry	10 hours/day	Eclipse 10	n/a
7,000 gallons	light	minimal	hot - muggy or dry	24 hours/day	Eclipse 10	n/a
7,000 gallons	light	maximum	cool, moderate	10 hours/day	Eclipse 20	n/a
7,000 gallons	light	maximum	cool, moderate	24 hours/day	Eclipse 10	n/a
7,000 gallons	light	maximum	hot - muggy or dry	10 hours/day	Eclipse 20	n/a
7,000 gallons	light	maximum	hot - muggy or dry	24 hours/day	Eclipse 10	n/a
7,000 gallons	heavy	maximum	cool, moderate	10 hours/day	Eclipse 20	n/a
7,000 gallons	heavy	maximum	cool, moderate	24 hours/day	Eclipse 10	n/a
7,000 gallons	heavy	maximum	hot - muggy or dry	10 hours/day	Eclipse 20	n/a
7,000 gallons	heavy	maximum	hot - muggy or dry	24 hours/day	Eclipse 20	n/a
15,000 gallons	light	minimal	cool, moderate	10 hours/day	Eclipse 10	n/a
15,000 gallons	light	minimal	cool, moderate	24 hours/day	Eclipse 10	n/a
15,000 gallons	light	minimal	hot - muggy or dry	10 hours/day	Eclipse 20	n/a
15,000 gallons	light	minimal	hot - muggy or dry	24 hours/day	Eclipse 10	n/a
15,000 gallons	light	maximum	cool, moderate	10 hours/day	Eclipse 20	n/a
15,000 gallons	light	maximum	cool, moderate	24 hours/day	Eclipse 20	Eclipse 10
15,000 gallons	light	maximum	hot - muggy or dry	10 hours/day	Eclipse 20	n/a
15,000 gallons	light	maximum	hot - muggy or dry	24 hours/day	Eclipse 20	n/a
15,000 gallons	heavy	maximum	cool, moderate	10 hours/day	Eclipse 20	n/a
15,000 gallons	heavy	maximum	cool, moderate	24 hours/day	Eclipse 20	n/a
15,000 gallons	heavy	maximum	hot - muggy or dry	10 hours/day	Eclipse 20	n/a
15,000 gallons	heavy	maximum	hot - muggy or dry	24 hours/day	Eclipse 20	n/a

Suggested Ozone Sizing Chart for Residential Inground Swimming Pools (continued)



Pool gallons	Bather load	Chemical reduction goal	What is the temperature and climate where the pool is located?	Hours of pool filtration (i.e., how many hours a day will the Ozone Generator run?)	Recommended DEL Ozone Generator	Second choice DEL Ozone generator (if applicable)
25,000 gallons	light	minimal	cool, moderate	10 hours/day	Eclipse 40	Total Eclipse 2 (best on new construction/renovation)
25,000 gallons	light	minimal	cool, moderate	24 hours/day	Eclipse 20	n/a
25,000 gallons	light	minimal	hot - muggy or dry	10 hours/day	Eclipse 40	Total Eclipse 2 (best on new construction/renovation)
25,000 gallons	light	minimal	hot - muggy or dry	24 hours/day	Eclipse 20	n/a
25,000 gallons	light	maximum	cool, moderate	10 hours/day	Eclipse 40	Total Eclipse 2 (best on new construction/renovation)
25,000 gallons	light	maximum	cool, moderate	24 hours/day	Eclipse 40	Eclipse 20
25,000 gallons	light	maximum	hot - muggy or dry	10 hours/day	Eclipse 40	Total Eclipse 4 (best on new construction/renovation)
25,000 gallons	light	maximum	hot - muggy or dry	24 hours/day	Eclipse 40	n/a
25,000 gallons	heavy	maximum	cool, moderate	10 hours/day	Eclipse 40	Total Eclipse 4 (best on new construction/renovation)
25,000 gallons	heavy	maximum	cool, moderate	24 hours/day	Eclipse 40	n/a
25,000 gallons	heavy	maximum	hot - muggy or dry	10 hours/day	Eclipse 40	Total Eclipse 4 (best on new construction/renovation)
25,000 gallons	heavy	maximum	hot - muggy or dry	24 hours/day	Eclipse 40	n/a
50,000 gallons	light	minimal	cool, moderate	10 hours/day	Eclipse 40	Total Eclipse 4 (best on new construction/renovation)
50,000 gallons	light	minimal	cool, moderate	24 hours/day	Eclipse 40	n/a
50,000 gallons	light	minimal	hot - muggy or dry	10 hours/day	Eclipse 40	Total Eclipse 4 (best on new construction/renovation)
50,000 gallons	light	minimal	hot - muggy or dry	24 hours/day	Eclipse 40	n/a
50,000 gallons	light	maximum	cool, moderate	10 hours/day	Eclipse 40	Total Eclipse 4 (best on new construction/renovation)
50,000 gallons	light	maximum	cool, moderate	24 hours/day	Eclipse 40	n/a
50,000 gallons	light	maximum	hot - muggy or dry	10 hours/day	Eclipse 40	Total Eclipse 4 (best on new construction/renovation)
50,000 gallons	light	maximum	hot - muggy or dry	24 hours/day	Eclipse 40	n/a
50,000 gallons	heavy	maximum	cool, moderate	10 hours/day	Eclipse 40	Total Eclipse 4 (best on new construction/renovation)
50,000 gallons	heavy	maximum	cool, moderate	24 hours/day	Eclipse 40	n/a
50,000 gallons	heavy	maximum	hot - muggy or dry	10 hours/day	Eclipse 40	Total Eclipse 4 (best on new construction/renovation)
50,000 gallons	heavy	maximum	hot - muggy or dry	24 hours/day	Eclipse 40	n/a

50,000 gallons + The only residential ozone generators www.LoveYourPool.com recommends for pools 50,000 and above is the Eclipse 4 or Total Eclipse 4. For more ozone and even better water (even chemical free when sized properly), the next step up is DEL Ozone's Solar Eclipse Ozone + UV Generator, or DEL's line of commercial products. If you desire a quote, email: sales@loveyourpool.com

Suggested Ozone Sizing Chart for Residential Inground Swimming Pools (continued)



Use the following part numbers to order the right DEL Ozone Eclipse system:

DEL Ozone PN	Description	Good for pools between:	Note
EC-10	DEL Ozone Eclipse 10 Inground Swimming Pool Ozone Generator - UNIVERSAL VOLTAGE	7,000-25,000 gallons	parts bag sold separately
EC-20	DEL Ozone Eclipse 20 Inground Swimming Pool Ozone Generator - UNIVERSAL VOLTAGE	15,000-50,000 gallons	parts bag sold separately
EC-40	DEL Ozone Eclipse 40 Inground Swimming Pool Ozone Generator - UNIVERSAL VOLTAGE	25,000-100,000 gallons	parts bag sold separately



Which Eclipse Install Parts Bag do you need?

9-0210-11	9-0210-11 Install Parts Bag for Eclipse 10, 20 and 40 is the most commonly used Parts Bag. It includes 2" Universal Injector Manifold IU-211 built with Mazzei Injector #1584 for single or variable-speed pumps. Parts bag also includes: Installation Manual; Injector Hose Barb (7-1434-01); Flow Meter (9-1170-01); and Ozone Check Valve Assembly (9-0770-01) which includes Ozone Supply Check Valve (7-1140-07) and 10' of Ozone Supply Tubing (7-0594). Note: This parts bag took the place of old part numbers 9-0210 and 9-0210-01.
9-0210-03	9-0210-03 parts bag for Eclipse 10, 20 and 40 includes 2 1/2" Injector Manifold built with Mazzei Injector #1584 for single-speed pumps. Parts bag also includes: Installation Instructions; Injector Hose Barb (7-1434-01); Flow Meter (9-1170-01); and Ozone Check Valve Assembly (9-0770-01) which includes Ozone Supply Check Valve (7-1140-07) and 10' of Ozone Supply Tubing (7-0594). This Parts Bag is not often used due to 2 1/2" plumbing.
9-0210-04	9-0210-04 parts bag for Eclipse 10, 20 and 40 includes Mazzei Injector 1584 (DEL PN 7-0740) - BUT HAS NO PRE-BUILT BYPASS. This parts bag resembles the 9-0210-11 with the exception of the injector being loose, not glued into a bypass manifold. The 9-0210-04 gives you flexibility when you need it. The 9-0210-04 also includes tubing, manual, check valve (7-1140-07), flow meter (9-1170-01). If you need to build a custom Injector Manifold (usually done by the plumber), this is your parts bag. This is the least commonly used Parts Bag.
MDV-10	MDV-10 parts bag for Eclipse 10, 20 and 40 for pools with single-speed pumps. Unlike the 9-0210-11 or 9-0210-03, the MDV-10 will remove the tiny stream of ozone/oxygen bubbles before they enter the pool. About 20% of Eclipse customers choose the MDV-10. Use MDV-10 if: pool is indoors; pool has an automatic cover; pool is used for reflection purposes and you don't want the surface disrupted, or if you want to drastically oversize the Eclipse and don't want to risk ozone off gas in the pool.
MDV-10-04	MDV-10-04 parts bag for Eclipse 10, 20 and 40 for pools with variable-speed pumps. Unlike the 9-0210-11 or 9-0210-03, the MDV-10-04 will remove the tiny stream of ozone/oxygen bubbles before they enter the pool. About 20% of Eclipse customers choose the MDV. Use it if: pool is indoors; pool has an automatic cover; pool is used for reflection purposes and you don't want the surface disrupted, or if you want to drastically oversize the Eclipse and don't want to risk ozone off gas in the pool.
9-0150E Renewal Kit	DEL's 9-0150E Eclipse Renewal Kit allows your pool ozonator to be easily and affordably maintained, adding life to your ozonator for years. Before each pool season, use Eclipse Renewal Kit (9-0150E) which includes: Installation Manual; Male Injector Hose Barb (7-1434-01); Female Injector Hose Barb (7-0127), Flow Meter (9-1170-01); and Ozone Check Valve Assembly (9-0770-01) which includes Ozone Supply Check Valve (7-1140-07) and 10' of Ozone Supply Tubing (7-0594).

Suggested Ozone Sizing Chart for Residential Inground Swimming Pools (continued)



DEL Ozone PN	Description	Good for pools to:	Note
ECT-2-16	DEL Ozone Total Eclipse 2, 24-hour Inground Swimming Pool Ozone Generator - ECT-2-16, 110V/60Hz	25,000 gallons	
ECT-2-25	DEL Ozone Total Eclipse 2, 24-hour Inground Swimming Pool Ozone Generator - ECT-2-25, 240V/50-60Hz	25,000 gallons	Basic installation parts bag included with all Total Eclipse. See optional MDV-20 Mixing Degas Vessel if bubbles in the pool are a concern
ECT-4-16	DEL Ozone Total Eclipse 4, 24-hour Inground Swimming Pool Ozone Generator - ECT-4-16, 110V/60Hz	50,000 gallons	
ECT-4-25	DEL Ozone Total Eclipse 4, 24-hour Inground Swimming Pool Ozone Generator - ECT-4-25, 240V/50-60Hz	50,000 gallons	



Which Total Eclipse parts bag do you need?

- 9-0217 is included DEL Ozone Total Eclipse 2 and 4 come with the Mazzei Injector 684 (DEL PN 7-1050) built in, not external like the Eclipse 10, 20 or 40. Because the Total Eclipse pool ozonators are best installed during swimming pool construction with a dedicated line to the bottom of the pool, the simplified parts bag is INCLUDED with the MDV-20 Mixing Degas Vessel.
- MDV-20 MDV-20 parts bag for Total Eclipse 2 and 4 is OPTIONAL. Unlike the 9-0210-11 or 9-0210-03, the MDV-20 will remove the tiny stream of ozone/oxygen bubbles before they enter the pool. About 20% of Eclipse customers choose the MDV-20. Use MDV-10 if: pool is indoors; pool has an automatic cover; pool is used for reflection purposes and you don't want the surface disrupted, or if you want to drastically oversize the Eclipse and don't want to risk ozone off gas in the pool.

There are certain applications where the Eclipse and Total Eclipse WILL NOT FUNCTION PROPERLY (such as unit is installed to high above or below water level) so to ensure it will work for you, please thoroughly read the installation manual BEFORE purchasing the Eclipse and Total Eclipse Ozone Systems. **Download Eclipse and Total Eclipse manuals from www.LoveYourPool.com.** If you have a unique installation and would like technical support, email help@loveyourpool.com

We hope this sizing chart helped you find the right DEL Ozone Residential Swimming Pool Ozonator.

Feel free to contact us if you have any comments or questions:

help@loveyourpool.com

<http://www.loveyourpool.com/>

Toll Free: 888.242.0111

International: 805.439.1898